

IN THE CLAIMS:

Please replace the text of claims 2 and 15 with the following text:

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2. (Amended) A magnetic levitation motor according to claim 1, wherein the first stator core is formed as a circular ring section and a plurality of salient poles radially extend toward a center of rotation from the circular ring section, and the base section of the stator core section has side faces and a peripheral surface that defines a part of an external periphery of the circular ring section of the first stator core, wherein the side faces of the base sections of a plurality of the stator core sections are connected together to form the circular ring section of the first stator core.

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15. A method for manufacturing a magnetic levitation motor, the magnetic levitation motor comprising:

a rotor having a main body formed from a magnetic member and a permanent magnet attached to a peripheral surface of the main body;

a stator disposed opposite to the rotor, the stator having a first stator winding that generates a levitation control magnetic flux for controllably levitating the rotator body, a second stator winding that generates a rotation magnetic flux for rotating the rotator body and a stator core having the first stator winding and the second stator winding; and

a direct current magnetic field generation device that generates a magnetic flux radially spreading from the rotor to the stator,

the method comprising the steps of:

providing a plurality of individual stator core sections, each of the individual stator core sections having a base section and a salient pole section extending from a central section of the base section;

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winding the first winding and the second winding around the salient pole section of each of the individual stator core sections; and

after winding both of the first winding and the second winding around each of the salient pole sections, then connecting side faces of the base sections of the individual stator core sections to form the stator core.